

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 5 Claim 1 (currently amended): A method for program debugging, the method comprising:
- (a) setting a plurality of breakpoints corresponding to a plurality of events in an implementation under test, each event being a test executed to a peripheral device and taking a general processing path when the peripheral device is working well or an error processing path when the peripheral device is in an error state ~~out of order~~;
- 10 (b) executing the implementation under test for outputting a diagnosis code of a breakpoint;
- (c) resetting a parameter of the event corresponding to the diagnosis code; and
- 15 (d) executing the event according to the reset parameter for making the event undergo the error processing path.

- Claim 2 (currently amended): The method of claim 1 further comprising: after step (d), repeating steps (b) to (d) for making the implementation under test make all
- 20 events undergo the ~~the~~ error processing path.

Claim 3 (original): The method of claim 1 wherein the breakpoints are set ahead of program codes of the corresponding events.

- 25 Claim 4 (original): The method of claim 1 wherein the breakpoints are set after program codes of the corresponding events.

Claim 5 (cancelled)

- 30 Claim 6 (previously presented): The method of claim 1 wherein the error processing path produces an audible tone.

Claim 7 (previously presented): The method of claim 1 wherein the error processing path causes a system reset.

5 Claim 8 (previously presented): The method of claim 1 wherein the error processing path causes a system execution interrupt.

Claims 9-16 (cancelled)